

Date: Sat, 27 Nov 93 04:30:53 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #92
To: Ham-Space

Ham-Space Digest Sat, 27 Nov 93 Volume 93 : Issue 92

Today's Topics:

 * SpaceNews 22-Nov-93 *
 2-line Kepler els.??
 Packet+OSCAR

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 19 Nov 1993 08:10:15 MST
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!usenet@network.ucsd.edu
Subject: * SpaceNews 22-Nov-93 *
To: ham-space@ucsd.edu

SB NEWS @ AMSAT \$SPC1122
* SpaceNews 22-Nov-93 *

BID: \$SPC1122

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SpaceNews
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MONDAY NOVEMBER 22, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* FO-20 NEWS *

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Latest Status:

Nov.12 On 20z pass and 22z pass, software reloading performed.
22:36z MailBox operation resumed.

Operation Schedule:

Analog mode:	Nov.17	7:44	-to-	Nov.18	8:15	UTC
	Nov.24	8:20	-to-	Nov.25	8:38	UTC
	Dec. 1	8:43	-to-	Dec. 7	7:16	UTC
	Dec.15	7:41	-to-	Dec.22	8:05	UTC

Digital mode: otherwise noted above.

In December, analog mode and digital mode will be ON alternately for a week respectivery. Enjoy!

[Info via Kazu Sakamoto, JJ1WTK]

* A0-13 NEWS *

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A0-13 will experience another partial solar eclipse on 1993 Dec 13 [Mon].

It sees the Moon eclipse the Sun from 1009 - 1059 utc with a maximum 53% obscuration at 1034 utc. This is orbit 4211 MA 73-92.

The encounter will be "visible" on the telemetry to stations throughout the USA and Japan. Reports would be appreciated. Stations who observed the spectacular eclipse of Nov 13 will know what to look for.

Eclipses of Sun by Earth:

These commence on Dec 07 [Tue] and continue until Dec 24 [Fri]. The eclipses are of course total. The maximum lasts 2 hours 16 minutes, and is the longest A0-13 has ever experienced. The telemetry during these outages is very interesting, particularly the temperatures; some reach -40 C.

The mode-B transponder will be OFF from MA 95 to 180 during this two week period.

[Info via James Miler, G3RUH]

* SPACE SHUTTLE STATUS *

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MISSION: STS-61: HUBBLE SPACE TELESCOPE SERVICING

VEHICLE: Endeavour/OV-105	ORBITAL ALTITUDE: 356 miles
LOCATION: Pad 39-B	INCLINATION: 28 degrees
TARGET LAUNCH DATE: December 1	CREW SIZE: 7
LAUNCH TIME: 4:57 a.m. EST	LAUNCH WINDOW: 1 hour/7 min.
LANDING LOCATION: KSC	
MISSION DURATION: 10 days/22 hours	
EXPECTED KSC LANDING DATE/TIME: Dec. 12/2:42 a.m. EST	

MISSION: STS-60: WAKE SHIELD FACILITY AND SPACEHAB 2

VEHICLE: Discovery/OV-103	ORBITAL ALTITUDE: 218 miles
LOCATION: OPF bay 3	INCLINATION: 57.00 degrees
TARGET LAUNCH PERIOD: mid January	CREW SIZE: 6
LAUNCH WINDOW: 3 hour/48 minutes	LANDING LOCATION: KSC
MISSION DURATION: 8 days/5 hours	

MISSION: STS-62: U.S. MICROGRAVITY PAYLOAD - 2

VEHICLE: Columbia/OV-102	ORBITAL ALTITUDE: 184 miles
LOCATION: OPF bay 2	INCLINATION: 39.00 degrees
TARGET LAUNCH PERIOD: Early March	CREW SIZE: 5
LAUNCH WINDOW: 3 hours/57 minutes	LANDING LOCATION: KSC
MISSION DURATION: 14 days	

[Info via NASA]

* STS-61 NEWS *

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NASA managers set Dec. 1, 1993, as the official launch date for Shuttle Mission STS-61. The flight will see Space Shuttle Endeavour with a 7 person crew make the first in a series of planned visits to the orbiting Hubble Space Telescope (HST). During the mission, a record five spacewalks will be conducted during which the astronauts will remove and replace various HST systems in order to increase HST's reliability; compensate for the spherical aberration of the primary mirror; and validate the HST on-orbit servicing concept.

The launch window on Dec. 1 opens at 4:57 a.m. EST and extends for 1 hour 7 minutes. The launch window is driven by rendezvous requirements with HST. The mission duration is planned for 10 days, 22 hours and 36 minutes. Landing is scheduled to take place at Kennedy Space Center's Shuttle Landing Facility, Fla., on Dec. 12.

Leading the STS-61 crew will be Mission Commander Dick Covey. Pilot for the mission is Ken Bowersox. The mission specialists for the flight are Kathy Thornton, Claude Nicollier, Jeff Hoffman, Story Musgrave and Tom Akers. Working in pairs, Hoffman and Musgrave and Thornton and Akers, all of whom have previous EVA experience, will perform the five spacewalks scheduled for flight days four to eight.

[Info via NASA]

* THANKS! *

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Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

Steve J. Sibert, NF2G, ZS5FR

* FEEDBACK/INPUT WELCOMED *

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Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

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INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

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U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
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Brookdale Community College |/\| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * \/\ * Morse : -. -.. ..--- -..

Date: 26 Nov 93 16:13:50 GMT

From: ogicse!cs.uoregon.edu!sgiblab!swrinde!menudo.uh.edu!jpunix!
perry@network.ucsd.edu
Subject: 2-line Kepler els.??
To: ham-space@ucsd.edu

I know this is probably a FAQ but where can I FTP the latest 2-line
els. to plug into my satellite tracking program?

--

John A. Perry (KG5RG) - perry@jpunix.com
jpunix!perry

Date: Sun, 21 Nov 1993 21:06:32 GMT
From: ucsnews!sol.ctr.columbia.edu!emory!europa.eng.gtefsd.com!darwin.sura.net!
perot.mtsu.edu!raider!theporch!rob@network.ucsd.edu
Subject: Packet+OSCAR
To: ham-space@ucsd.edu

Hello,

I have just started in Ham Radio and I have a question about Packet
and OSCAR satellites. Would it be possible to upload mail from a PBBS
on to one of the OSCAR satellite and save it so that it could be downloaded
later? I ask this because I have a computer network called HamNet which is
dedicated to Ham Radio. I would like to be able to upload mail to and
OSCAR so that my network could become International without the phone
bills. Thank you,

Rob Walker

For information on HamNet contact:

Rob Walker-(615)383-1969
The Comedy Shack-(615)383-9829
FidoNet-1:116/106
OurNet-65:410/106

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rob@theporch.raider.net (Rob Walker)
theporch.raider.net 615/297-7951 The MacInterests of Nashville

End of Ham-Space Digest V93 #92

